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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/759,351	01/16/2001	Woo-Hwa Ha	P56262	2139

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EXAMINER

PHAM, THIERRY L

ART UNIT PAPER NUMBER

2624

DATE MAILED: 08/18/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/759,351

Applicant(s)

HA, WOO-HWA

Examiner

Thierry L Pham

Art Unit

2624

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-9 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-9 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 2.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claim 1 is rejected under 35 U.S.C. 102(b) as being anticipated by Klees (U.S. 5283661). Regarding claim 1, Klees discloses a method of storing (SRAM, fig. 1) an initial use date (date, fig. 3) of a printer, comprising the steps of:

(1) determining (CPU 12, fig. 1) whether the printer is used for the first time (determines when the printer is powered up, col. 2, lines 3-25); and

(2) storing (SRAM 24, fig. 1) the initial use date (initial date of using the printer for the first time, fig. 4a, col. 1, lines 55-67 and col. 3, lines 45-67 to col. 4, lines 1-15) in a storage of the printer if the printer is used for the first time.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 2-9 are rejected under 35 U.S.C. 103(a) as being unpatentable over Klees (U.S. 5283661), and in view of Millman (U.S. 5363204).

Regarding claim 2, Klees discloses a method of informing an initial use date of a printer, comprising the steps of: (1) providing a storage area (SRAM 24 for storing manufactured/initial use date, figs. 1-4a, cols. 3-4) for storing initial use date; (2) determining whether the initial use date was stored referring to the data indicating the presence or absence (CPU 12 verifies whether

Art Unit: 2624

if the manufactured/initial use date was set, cols. 3-4); (3) providing a current year/month/date to the printer (current year/month/date, fig. 4a, cols. 3-4); (4) storing (SRAM 24 for storing current year/month/date, cols. 3-4) the current year/month/date received from the control panel as the initial use date; (5) outputting (displaying via control panel, fig. 2) the initial use date from the storage by the printer upon receipt of a user command.

However, Klees does not teach wherein the settings of year/month/date of initial use date are setting by a user via a "host computer".

Millman, in the same field of endeavor for setting printer's time, teaches the settings of year/month/date of initial use date is performed by a user via a "host computer" (adjusting current time/date/month/year of the printer via a control panel using a help menu, fig. 5, and such adjusting can be also set via using communication network, fig. 11, col. 7, lines 30-55).

It would have been obvious to one of ordinary skill in the art at the time of the invention was made to modify Klees as per teachings of Millman because of a following reason: (1) to allow operators/uses to adjust printer's time/date/month/year remotely.

Therefore, it would have been obvious to combine Klees with Millman to obtain the invention as specified in claim 2.

Regarding claim 3, the combinations of Klees and Millman further teaches a method comprising: (1) displaying a first message asking whether a year/month/date counted by an internal counter is identical to the current year/month/date by the host if the initial use date was not stored (Klees, cols. 3-4); (2) providing the counted year/month/date as the current year/month/date to the printer by the host upon receipt of a positive response from a user (Millman, col. 5, lines 1-67); (3) displaying (control panel, fig. 5) a second message requesting the user to enter the current year/month/date by the host upon receipt of a negative response from the user (Millman, col. 5, lines 1-67); and (4) providing a year/month/date received from the user as the current year/month/date to the printer by the host upon receipt of the year/month/date form the user (Millman, col. 5, lines 1-67 and col. 7, lines 30-55).

Art Unit: 2624

Regarding claims 4-6, Millman further teaches the step of transferring data from said printer to a computer attached to said printer (communication network, fig. 11), internal clock (fig. 5).

Regarding claim 7, Millman further teaches a computer attached to the printer, comprising (computer and printer are connected via a communication network are widely known in the art, and printer driver installed in computer are widely known in the art):

- (1) electrically connecting said printer to said computer (fig. 1);
- (2) applying power to both said computer and said printer (fig. 1);
- (3) installing a printer driver into said computer (printer driver installed in computer are widely known in the art);
- (4) sending data from memory space in said printer to said computer (fig. 1);
- (5) determining whether said printer has an initial date stored in said memory of said printer (col. 7, lines 30-55); and typing in an initial date by a user into said computer if said initial date is absent from said memory of said printer (adjusting current time/date/month/year of the printer via a control panel using a help menu, fig. 5, and such adjusting can be also set via using communication network, fig. 11, col. 7, lines 30-55).

Regarding claims 8-9, Klees also teaches the step of having the computer furnish said initial date of said printer if a clock on said computer is accurate and storing initial date in memory device (cols. 3-4).

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- (1) U.S. 6603571 to Nomoto, teaches a networked printers with printer driver installed in a host's memory device.

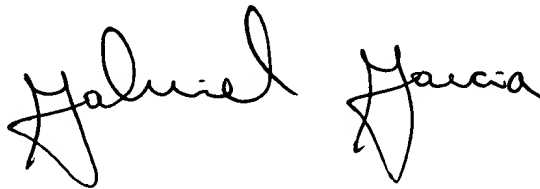
Art Unit: 2624

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thierry L Pham whose telephone number is (703) 305-1897. The examiner can normally be reached on M-F (9:30 AM - 6:00 PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David K Moore can be reached on (703)308-7452. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Thierry L. Pham



GABRIEL GARCIA
PRIMARY EXAMINER